

ABSTRACT

A medical examination chair is used to seat a patient and move the patient along three essentially-perpendicular planes over a wide range. The chair includes a primary arc which is connected to a stationary column by a horizontal shaft, forming a first axis of rotation. A second axis of rotation, which is essentially perpendicular to the first, passes through first and second ends of the primary arc. The chair also includes a secondary arc which is equipped with a seat and which is disposed inside the primary arc. Third and fourth ends of the secondary arc are connected to the first and second ends of the primary arc by an upper shaft and a lower shaft. The primary and secondary arcs can rotate around the first and second axes of rotation respectively. The medical examination chair further includes braking elements for suddenly stopping the rotational movement.